



The Blurb



Newsletter of The Phil-Mont Mobile Radio Club

62 Years of Public Service, 1949 to 2011

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September 2011



August saw an earthquake and a hurricane. Is this really Philadelphia?

Labor Day and the end of summer. Oh well, only nine months 'til spring!

<i>The Blurb</i> is published monthly by and for the members of The PHIL-MONT MOBILE RADIO CLUB, Inc., whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs. Requests should be sent to the Editor. Subscriptions are available to non-members for \$12, addressed to the Treasurer. Editor: Rick DeVirgiliis ND3B nd3b@arrl.net 215-908-7225 Club Archivist: Gwen Patton NG3P ng3p@arrl.net 610-630-9862 Labels and mailing: KB3IV Submissions deadline: All copy must be in the hands of the Editor by the 20th of the previous month.		Directors: W3AOK (11) WA3KIO (11) N3XKE (11) KB2ERL (12) W3STW (12) WU3I (12) ND3B (A)	Contact Phil-Mont: P.O. Box 88 Abington, PA 19001 http://www.phil-mont.org Website: Eric N3QV & Andrew KC2PMW For club information: Contact any club officer, or the repeaters listed below. Address or club directory changes and articles for the membership e-mail list should be sent to: KB3IV
Committees Archives: NG3P Audit: NS3K Blurb folding: KB3IV & N3GLU Directory: KB3IV		Sunday Morning Net Schedules • 2 Meter/ 70cm Net..... at 0930L on W3QV repeater • 10-on-10 Net at 1000L 28.393 MHz USB (±QRM) • 75 meter Net at 1020L 3.993 MHz LSB • ARES at 2100L on the W3QV repeater	
	DX: N3MT Emerg.Coor: K3HWE Field Day: KE3QB Internet: N3QV & KC2PMW Membership: N3XKE	Net Control: KB3IV Publicity: W3RM Program: Club VP Public Service: KE3QB Refreshments: W3AOK Repeater: W3AOK	Scholarship: W3RM Skywarn: WX3PHI Sunshine: N3GLU VE Program: NS3K Welcome: N3UBY Youth: N3MT

All visitors are welcome!

The club meets at 7:30 PM on the *second* non-holiday Wednesday each month except July and August at **Roxborough Memorial Hospital**, 5800 Ridge Avenue, Philadelphia, PA 19128
Maps and directions are available at www.phil-mont.org.

License Examinations are held on the fourth **non-holiday Thursday** each month at **Community Ambulance Association, 1414 E. Butler Pike, Ambler PA 19002**

Registration begins at 7:00 P.M. Applicants should contact Jim McCloskey NS3K at 215-275-2979 or jmccloskey@msn.com for the latest information.

Club Stations W3QV/R: The Jim Spencer Memorial Repeater System
Ridge & Port Royal Avenues, Philadelphia, PA **Trustee: W3RM**
147.03 MHz + PL 91.5 Hz 444.80 MHz + PL 186.2 Hz
Reach us on EchoLink through W3QV-R
W3AA Trustee: WU3I
W3EM: Field Day/special event station Trustee: N3QV

The Officers

Pres: KB3IV Ed Masarsky 310 Saw Mill Ln. Horsham PA 19044 kb3iv@comcast.net
Vice Pres: N3QV Eric D. Marano, PO BOX 233, Skippack PA 19474 n3qv@arrl.net
Sec: KB3MIV Jen Miller 9427 Kirkwood Rd. 1st Fl. Phila 19114 jencaz@verizon.net
Treas: W3RM Richard A. Moll roger.mike@verizon.net
Asst. Treas: N3MT Michael P. Taraborrelli michaelmt_1999@yahoo.com

The Prez Sez ...

Welcome back from wherever you were this summer. I can't believe it will be autumn in three weeks. The club will be resuming its regular activities such as board meetings and monthly club meetings.

One of the important tasks for the board is to assemble a slate of officers for the upcoming election at the December meeting. We need your participation to insure that our club will continue to offer the contributions to our hobby for many more years to come. If you have been a member for at least one year, you are eligible to be an officer in Phil-Mont. We want and need your service. Please say yes when called to serve.

The programs at the meetings this year have been varied and quite interesting. What areas of interest would you like to see addressed? Let us know so we can schedule speakers and presentations. Do you have any topics of interest that you can present to our members and guests?

Weather has been on everyone's mind this summer. High heat and thunderstorms have been frequent. Now we are moving into hurricane season. Amateur Radio has resources to help in times of need to the general public. It is important to be prepared for any weather related eventuality. I would like to see us have a meeting program outlining what we, as Hams need to handle any personal or community emergencies. We should start with a review of Skywarn and Hurricane Watch Nets. If anyone can offer any ideas, contact a club officer.

Hope to see many of you at our September 14th meeting.

de Ed, KB3IV

Phil-Mont Birthdays & Tidbytes

September Birthdays

- 01 Sol Volen - N3UBY
- 02 Gregory Malone-N3FSC
- 05 George Walmsley - W3DO
- 13 Marge Concordia (XYL WB3KAC)
- 15 Bob Freer - W3YLT
- 17 Vikye Swanson (XYL N3GLH)
- 20 Michael Taraborrelli - N3MT
- 23 Eileen Kerrigan (YL ND3B)
- John Simon – KB3SJS
- 24 Virginia Buono (XYL WA3ADI)
- 28 Penny Uebelhoer (XYL KA3IRJ)

Membership Stats

At press time PMRC had:
 79 Full Paid Members
 8 Family Members
 6 Youth Members
 1 Honorary Member
 1 Pending Members



***This month's Thursday evening VE session
is on the 22nd***

As always, many thanks to our VE team!

***The following radio amateur has applied for
membership in PMRC***

Stuart W. Zeiger - KB1QW
2200 Ben Franklin Parkway, #1811-W
Philadelphia, PA 19130-3660
Phone: (cell) 215-915-7783
E-mail: stu.zeiger@gmail.com
DOB: 10/7/1950
License Class: Extra (Exp. 2/4/2018)
Occupation: IT Director
Spouse: Olga Guerra (DOB: 6/23/--)
ARRL member (Exp. 4/30/12)

de Dick, W3RM

For Sale

Optoelectronics FC-50 frequency counter,
ARRL handbooks 1933 - onward
Kreco 10 meter coaxial vertical antenna,
Antique headphones,
Multimeters,
and old technical books.

Contact Tom Bohlander WA3KLR

Contact Tom Bohlander WA3KLR, 215-536-1331

Kenwood TH-F6A dual channel receive tri-band
144/220/440 5 watt HT, purchased in June 2010 -
original price was \$329. Looking to sell for \$170.

Kenwood TS-480SAT 100 watt HF rig, purchased in
January 2010 - original price was \$1229. Looking to
sell for \$700

Both radios have all their accessories, documentation
and original packing. These radios are in great condition
and a tremendous bargain at these prices.

Bob Rose N3TWO

email: rhrose@usa.net
cell: (215) 327-6024

***Radio Stores ... 'N'More
By Bob Thomas, W3NE***

**DAVID SARNOFF – PART 2
Self-made Radio and TV Visionary**

Near the end of the First World War, Congress proposed legislation to usurp total control of wireless by the U.S. government, just as the Navy had done at the start of the war. If politicians succeeded in their grab for power, it would be the end of amateur radio, commercial wireless, and free broadcasting. Justification for exercising unilateral federal power over wireless was the fear that foreign countries, already in control of all undersea cables, would similarly dominate the new medium. After all, Marconi America was a division of the British Marconi Company and took its orders from London so it, in particular, was looked upon with suspicion on Capitol Hill. The threat was finally diverted by an agreement reached privately between Marconi America and General Electric to form a new totally American company, the *Radio Corporation*. The new U.S. firm would hold patents of both companies. GE patents included rights to the Alexanderson alternator that generated high power (200kW) continuous wave RF, and Marconi America patents covered transmitter and receiver hardware and promising future developments. The two company's combined patent resources enabled the Radio Corporation to conduct domestic and foreign wireless communications free of foreign influence. David Sarnoff became Commercial Manager and the new company was incorporated in the fall of 1919 as the Radio Corporation of America. An unnoticed key provision inserted in the charter of the corporation by D.S. allowed RCA to conduct one-way transmissions – broadcasting! David Sarnoff alone had seen the future.

Having secured the confidence of GE upper management, David was again in a position to promote his ideas for a Radio Music Box. After receiving approval for his three-year business plan to produce and market radios by RCA, he went to see Alfred Goldsmith at the former Marconi laboratory at CCNY. Dr. Goldsmith had anticipated the need for a simple receiver and had already

completed a design with one knob for tuning and one for volume. He called it a *radiola*, a name that would become famous in later years.

Intricacies of organization required by the government did not end with the simple formation of the Radio Corporation of America. The U.S. Navy had concerns about potential conflict between RCA wireless transmissions and AT&T landline telegraphy. There was also a tangle of vacuum tube patents held by RCA and Western Electric that had to be resolved. And finally, Westinghouse held critical patents for broadcast equipment as well as Armstrong's regenerative and superheterodyne receivers. Those issues were finally resolved in 1921 when RCA gave stock to the outside companies in exchange for cross licensing agreements and promising Westinghouse that forty percent of products sold by RCA would be manufactured by Westinghouse and sixty percent by GE.

Uppermost on David Sarnoff's agenda as he took over RCA operations was to introduce the public to broadcasting on a grand scale. Westinghouse had already pioneered the new medium with KDKA in 1920 and was making good headway with WJZ in Newark, KYW in Chicago and WBZ near Boston to establish a customer base for their radios, a concept D.S. had proposed at Marconi years before only to be ignored. Even so, radio still had not captured the public acclaim David knew it could, so he decided to vault RCA, and radio, into public prominence by broadcasting an event of intense national interest. There was no better opportunity for that than the highly publicized boxing match between Jack Dempsey and Georges Carpentier on July 2, 1921. Sarnoff had RCA engineers set up a transmitter and antenna right at the scene of the fight, where a blow-by-blow account was broadcast to a large New York audience and relayed by landline to enthralled listeners along the entire east coast. Radio instantly became a national craze, for which Sarnoff was rewarded with promotion to Executive Vice President of RCA.

His new position enabled David to move RCA rapidly ahead with high power broadcast stations in major cities, however, a potentially disastrous rift developed between RCA and AT&T. AT&T owned

powerful WEAJ in Newark and had begun broadcasting commercials. Sarnoff's philosophy all along had been that broadcasting should be a free, non-commercial cultural public service to supply programming for the benefit of its Radiola customers. Westinghouse echoed that philosophy. AT&T had no such ties to the audience of WEAJ and had begun inserting commercials in their programs, opening the door to what we have today. More important, however, was AT&T's refusal to continue leasing their high quality landlines to RCA for distribution of programs to cities beyond New York. After a bitter court fight and threatening regulatory moves by the Federal Trade Commission, the two companies compromised in 1926. AT&T divested its broadcast interests by selling WEAJ to RCA and agreed to again lease their landlines without discrimination to all broadcasting companies. Sarnoff had to agree to establish a separate and self-supporting, revenue-producing broadcasting subsidiary, the National Broadcasting Company, to produce and distribute programs. From its inception, NBC became wildly successful as it expanded its range of programs and acquired new affiliate stations all the way to the west coast. The network had become so big by 1927 it divided into two separate feeds, the Red Network and the Blue Network, each with its own programs and affiliates.

Sarnoff guided RCA into the motion picture business around 1929 to manufacture sound equipment for film production and theatrical display. And by the end of the 'twenties the Corporation had acquired the Victor Talking Machine Company to begin manufacture of RCA-Victor phonograph records. David Sarnoff was on a roll and on January 1, 1930 he was made President of the Radio Corporation of America at age 39.

Even before his ascent to the head of RCA, Sarnoff had set his sights on a technology he predicted would be the next major advancement in communications: *Television*. We will continue with that next time, and take a side glance to see how he elevated the cultural level of radio with a revolutionary initiative at NBC.

September at PMRC ...**4 Sun KA3IRJ NCS****5th Mon Labor Day****7th Wed Board Meeting****11 Sun K3XS NCS****10th Anniversary of Terrorist Attack****14th Wed General Meeting****18 Sun KB3IV NCS****22 Thurs VE test session****23rd Fri Autumnal equinox @ 09:04 UTC****25 Sun W3MHP NCS**

And don't forget the **ARES** net every Sunday night at 2100L and the new **Digital Net** Tuesdays at 1900L, both on W3QV/R

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First Class Mail

Check out this rope for your antenna project –

3/32" Braided Olive Drab - Dacron / Polyester cord

This is a high quality braided polyester cord with a breaking strength of 210 pounds. Proudly Made in the U.S.A.!

This is a gorgeous solid braid perfect for dipole antennas. Very low stretch and strong. Will withstand the weather & sun for 7 to 10 years.

PRICE \$10.00 PER 100 FEET

SOLD IN 100 FOOT LOTS

CONTACT STEVE WU3I AT

WU3I@ARRL.NET

The Phil-Mont Mobile Radio Club, Inc
310 Saw Mill Lane, Apt 6D, Horsham PA 19044

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